

cylinder space containing a reciprocatingly movable means, a plunger, for changing the volume of the cylindrical space for receiving a sample to the tip and removing it therefrom, and to which end part of the suction device is adapted a barrier means to close an opening in the end part, wherein the barrier means adapted to the end part of the suction device are detached by moving the plunger first in the direction of the opening in the end part of the suction device into contact with the barrier means and then by moving the plunger in the direction of the said opening for removing the barrier means from the end part of the suction device.

2. (Amended) The method according to claim 1, wherein the suction device is provided with means which limit the movement of the plunger in the cylindrical space and which can be brought to at least one such position in which the plunger can be brought into contact with the barrier means adapted to the end part of the suction device for detaching the barrier means from the end part of the suction device.

3. (Amended) The method according to claim 1, wherein the means for limiting the movement of the plunger comprise of means intended for detaching the removably to the end part of the suction device attached disposable tip which are positioned in such a position that the plunger can be brought into contact with the barrier means adapted to the end part of the suction device.

4. (Amended) A method in the suction device, such as a mechanical pipette, comprising a body and an associated end part with an open distal end directed away from the body for removably attaching a disposable tip enclosing a sample space for receiving a liquid sample, the end part of the suction device enclosing a cylinder space containing a reciprocatingly movable means, a plunger, for changing the volume of the cylindrical space for receiving a sample to the tip and removing it therefrom, and to which end part of the suction device is adapted a barrier means to close an opening in the end part, wherein the barrier means adapted to the end part of the suction device are detached by moving the plunger first in the direction of the opening in the end part of the suction device in that way that a telescopic extension of the plunger comes into contact with the barrier means and then by moving the plunger in the direction of the said opening for removing the barrier means from the end part of the suction device.

5. (Amended) The method according to claim 4, wherein the suction device is provided with means which limit the movement of the plunger in the cylindrical space and which means can be brought to at least one such position in which the telescopic extension of the plunger can be brought into contact with the barrier means adapted to the end part of the suction device for

removing the barrier means from the end part of the suction device.

6. (Amended) The method according to claim 5, wherein the means for limiting the movement of the plunger comprise means intended for removing the removably to the end part of the suction device attached disposable tip which are positioned in such a position that the telescopic extension of the plunger can be brought into contact with the barrier means adapted to the end part of the suction device.

7. (Amended) The method according to one of claims 1-6, wherein the suction device is multichannel.

8. (Amended) A suction device comprising a body and an associated end part with an open distal end directed away from the body for removably attaching a disposable tip enclosing a sample space for receiving a liquid sample, the end part of the suction device enclosing a cylinder space containing a reciprocatingly movable means, a plunger, for changing the volume of the cylindrical space for receiving a sample to the tip and removing it therefrom, and means for detaching the disposable tip removably attached to the end part, wherein the suction device is provided with means which limit the movement of the plunger in the cylindrical space and which can be brought to at least one position in which the plunger can be brought into contact with

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the barrier means adapted to the end part of the suction device for detaching the barrier means from the end part of the suction device.

9. (Amended) The suction device according to claim 8, wherein the means in the suction device for detaching the disposable tip from the end part of the suction device can be brought to a position in which they limit the movement of the plunger in the cylindrical space.

10. (Amended) The suction device according to claim 8 or 9, wherein the suction device is multichannel.

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